

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) ~~Method~~ A method of providing a read-only record carrier on which user data can be recorded at predetermined recordable positions of subcode frames of a subcode channel after mastering of said record carrier, said method
- 5 comprising the steps of:
- setting the subcode symbols at said predetermined recordable positions to a first predetermined symbol value during mastering<sub>7i</sub>;
  - calculating<sub>i</sub> for each subcode frame<sub>i</sub> error detections data

10 over certain subcode data of said subcode frame including said subcode symbols set to said first predetermined symbol value<sub>7i</sub>;

  - storing said error detection data at auxiliary data positions in said subcode frame<sub>7i</sub>; and
  - setting error detection data positions in said subcode

15 frame to a second predetermined symbol value,

wherein said predetermined recordable positions of said subcode frames ~~being~~ are provided for recording of user data to ~~it~~ said predetermined recordable postions during writing of data<sub>i</sub> and said error detection data positions of said subcode frames ~~being~~ are

20 provided for recording correct error detection data<sub>i</sub> calculated

after recording said user data to said predetermined recordable positions, to ~~its~~ said error detection data positions.

2. (Currently Amended) ~~Method according to~~ The method as claimed in claim 1, wherein all subcode bits of said first and said second predetermined symbol value is values are set to bit value 1.

3. (Currently Amended) ~~Method~~ The method as claimed in claim 1, wherein said user data comprise a unique identifier uniquely identifying said record carrier after recording said unique identifier at said predetermined recordable positions of said

5 subcode frames.

4. (Currently Amended) ~~Method~~ The method as claimed in claim 1, wherein said subcode frames are part of a subcode Q-channel, particularly of an optical recording system for read-only optical discs.

5. (Currently Amended) ~~Method~~ The method as claimed in claim 4, wherein said subcode frames comprise a synchronization field, a control field, an address field, a user data field, an auxiliary data field and an error detection data field of which, at least

5 said user data field and said error detection data field are being recordable after mastering.

6. (Currently Amended) ~~Method~~ The method as claimed in claim

4, wherein subcode bytes comprising a subcode symbol from each subcode channel are set to byte value 0x47 during mastering so that, for recording user data at said predetermined recordable

5 positions, said subcode bytes can be set to 0x07 by writing a mark at a predetermined location in said subcode byte.

7. (Currently Amended) ~~Method~~ A method of writing user data on a read-only record carrier at predetermined recordable positions of subcode frames of a subcode channel, wherein, during mastering, the subcode symbols at said predetermined recordable positions are set

5 to a first predetermined symbol value, for each subcode frame, error detection data are calculated over certain subcode data of said subcode frame including said subcode symbols set to said first predetermined symbol value, said error detection data are stored at auxiliary data positions in said subcode frame, and error detection  
10 data positions in said subcode frame are set to a second

predetermined symbol value, said method comprising the steps of:

- recording ~~of~~ user data to said predetermined recordable positions of said subcode frames during writing of data, ~~;~~ and

- recording ~~of~~ correct error detection data, calculated  
15 after recording said user data, to said error detection data

positions of said subcode frames.

8. (Currently Amended) ~~Apparatus~~ An apparatus for providing a read-only record carrier on which user data can be recorded at predetermined recordable positions of subcode frames of a subcode channel after mastering of said record carrier, said apparatus

5 comprising:

- means for setting the subcode symbols at said predetermined recordable positions to a first predetermined symbol value during mastering<sub>i</sub>;

10 - means for calculating<sub>i</sub> for each subcode frame<sub>i</sub> error detection data over certain subcode data of said subcode frame including said subcode symbol set to said first predetermined symbol value<sub>i</sub>;

- means for storing said error detection data at auxiliary data positions in said subcode frame<sub>i</sub>; and

15 - means for setting error detection data positions in said subcode frame to a second predetermined value,

wherein said predetermined recordable positions of said subcode frame ~~being~~ are provided for recording of user data to ~~it~~ said predetermined recordable positions during writing of data<sub>i</sub> and said error detection data positions of said subcode frames ~~being~~ are provided for recording correct error detection data<sub>i</sub> calculated after recording said user data to said predetermined recordable positions<sub>i</sub> to ~~it~~ said error detection data positions.

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9. (Currently Amended) ~~Apparatus~~ An apparatus for writing user data on a read-only record carrier at predetermined recordable positions of subcode frames of a subcode channel, wherein, during mastering, the subcode symbols at said predetermined recordable positions are set to a first predetermined symbol value, said error detection data are stored at auxiliary data positions in said subcode frame, and error detection data positions in said subcode frame are set to a second predetermined symbol value, said apparatus comprising:

- 10 - means for recording ~~of~~ user data to said predetermined recordable positions of said subcode frames during writing of data; and
- means for recording ~~of~~ correct error detection data, calculated after recording said user data, to said error detection data positions of said subcode frames.

10. (Currently Amended) ~~Record~~ A record carrier mastered according to a method as claimed in claim 1, ~~on which user data can be recorded~~ being recordable at predetermined recordable positions of subcode frames of a subcode channel after mastering of said record carrier, wherein:

- the subcode symbols at said predetermined recordable positions are set to a first predetermined symbol value;

- error detection data, calculated for each subcode frame over certain subcode data of said subcode frame including said subcode symbols set to said first predetermined symbol value, are stored at auxiliary data positions in said subcode frame, and  
- error detection data positions in said subcode frame are set to a second predetermined symbol value,  
said predetermined recordable positions of said subcode frames being provided for recording of user data to ~~it~~ said predetermined recordable positions during writing of data, and said error detection data positions of said subcode frames being provided for recording correct error detection data, calculated after recording said user data to said predetermined recordable positions, to said error detection data positions.

11. (Currently Amended) ~~Computer~~ A computer program for implementing a method as claimed in claim 1 comprising program code means for causing a computer to carry out the steps of said method when said method is run on a computer.